2-Propenoic acid, 2-(2-hydroxyethoxy)ethyl ester

13533-05-6 | DTXSID5050397

Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 4.20 mol/L

Global applicability domain: Inside

Local applicability domain index: 6.07e-01

Confidence level: 6.54e-01

Nearest Neighbors from the Training Set

Image not found
2-Hydroxyethyl methacrylate
Measured: 7.68e-01
Predicted: 2.04

Image not found
2-[2-(2-Methoxyethoxy)ethoxy]ethanol
Measured: 6.09
Predicted: 6.31

Image not found
2-Hydroxypropyl acrylate
Measured: 7.68
Predicted: 5.09

Image not found
2-[2-(2-Ethoxyethoxy)ethoxy]ethanol
Measured: 5.61
Predicted: 5.78

Image not found
2-Hydroxyethyl acrylate
Measured: 8.61
Predicted: 5.83